

INDEX TO VOLUME 60

Classified entries: major subjects, key words, and results; botanical names (new names are in **boldface**); geographical areas; reviews, commentaries. Incidental references to taxa (including most lists and tables) are not indexed separately. Species appearing in Noteworthy Collections are indexed under name, family, and state or country. Authors and titles are listed alphabetically by author in the Table of Contents to the volume.

- Adenostoma fasciculatum*, seed dormancy, 165.
Ambrosia chamissonis, effect of trampling on CA beaches, 4.
Apiaceae (see *Lomatium*)
Arizona (see *Monardella*)
Asteraceae: *Ambrosia chamissonis*, effect of trampling on CA beaches, 4; *Centaurea melitensis*, fire effects on, 173.
New taxon: **Lagophylla diabolensis**, from CA, 249.
Noteworthy collections: *Centaurea macrocephala*, *Lactuca muralis*, *Psilocarphus tennellus*, from MT, 262.
- Beach vegetation: Effect of trampling on *Ambrosia chamissonis* and *Cakile maritima* in CA, 4.
Bergia texana, noteworthy collection from MT, 262.
Boraginaceae (see *Cryptantha* and *Phacelia*)
Brassicaceae (see *Cakile*)
- Cakile maritima*, effect of trampling on CA beaches, 4.
California: *Ambrosia chamissonis* and *Cakile maritima*, effect of trampling on CA beaches, 4; CA Phenology Project: tracking plant responses to climate change, 1; fire effects on chaparral, 173; *Phacelia cookei*, habitat, seed dormancy and allozyme variation, 11; rare plants, climate change vulnerability assessment, 193.
New taxa: **Lagophylla diabolensis**, 249; **Limnanthes douglasii** subsp. **ornduffii**, 229; **Mimulus filicifolius**, 236; **Polemonium eddyense**, **P. pulcherrimum** var. **shastense**, 243.
Noteworthy collections: *Calyptidium pygmaeum*, 56; *Eriogonum heracleoides* var. *heracleoides*, 261; *Gracilariopsis chorda*, *Grateloupia asiatica*, 57; *Lewisia triphylla*, 56; *Sphaeropteris cooperi*, 258; *Trifolium suffocatum*, 260; *Ulva clathratioides*, and *U. pertusa*, 58.
Calyptidium pygmaeum, noteworthy collection from CA, 56.
Ceanothus cuneatus, seed dormancy, 165.
Centaurea: *C. macrocephala*, noteworthy collection from MT, 262; *C. melitensis*, effects of fire on, 173.
Chaparral: Fire effects in so. CA ecological reserve, 173; mimicking fire for restoration, 165.
Claytonia saxosa, noteworthy collection from OR, 264.
Climate change: CA Phenology Project, tracking plant responses, 1; rare plant vulnerability assessment in CA, 193.
Compositae (see Asteraceae)
Conservation (see *Notholithocarpus densiflorus*)
Cryptantha martirensis, new sp. from Sierra de San Pedro Martir, Baja California, MEXICO, 35.
Cryptantha wigginsii rediscovered, 24.
Cyatheaceae (see *Sphaeropteris*)
- Datura arenicola**, new sp. in new sect. **Discola** from Mexico, 60.
- Editors' Report for Vol. 60, 362
- Elatinaceae (see *Bergia*)
Ericaceae (*Pterospora*)
Eriogonum heracleoides var. *heracleoides*, noteworthy collections from CA and NV, 261.
- Fabaceae (see *Senegalia* and *Trifolium*)
Fagaceae (see *Notholithocarpus*)
Fire: Effects on plant community in so. CA ecological reserve, 173; mimicking for chaparral restoration, 165.
Foods from forest ecosystem (see *Notholithocarpus densiflorus*)
- Gibberlic acid (see *Pterospora*)
Gracilariaceae (see *Gracilariopsis*)
Gracilariopsis chorda, noteworthy collection from CA, 57.
Grateloupia asiatica, noteworthy collection from CA, 57.
- Halymeniaceae (see *Grateloupia*)
- Invasive plants (see *Centaurea*)
- Juncaeae (see *Luzula*)
- Keys: *Cryptantha martirensis* and vars. of *C. muricata*, 44; *C. wigginsii* added to key of *Cryptantha s.l.* of Kelley et al., 33; *Datura arenicola* and comparable spp., 225; *Monardella* spp. of e. Mojave Desert, 53; *Senegalia*, selected spp. and hybrids, 183.
- Lactuca muralis*, noteworthy collection from MT, 262.
Lagophylla diabolensis, new sp. from CA, 249.
Lamiaceae (see *Monardella*)
Lewisia triphylla, noteworthy collection from CA, 56.
Limnanthaceae (see *Limnanthes*)
Limnanthes douglasii subsp. **ornduffii**, new subsp. from CA, 229.
Limonium vulgare, noteworthy collection from MT, 262.
Lomatium triternatum, morphological and ecological segregation of two sympatric varieties in MT, 211.
Luzula subcapitata, noteworthy collection from WY, 60.
- MEXICO: (see *Cryptantha* and *Senegalia*)
New taxa: **Datura arenicola** in sect. **Discola**, 217.
Mimulus filicifolius, new sp. from northern Sierra Nevada, CA, 236.
Monardella eplingii, new sp. from the Black Mts. of nw AZ, 46.
Monotropes (see *Pterospora*)
Montana: *Lomatium triternatum*, morphological and ecological segregation of two sympatric varieties, 211.
Noteworthy collections: *Bergia texana*, *Centaurea macrocephala*, *Lactuca muralis*, *Limonium vulgare*, *Psilocarphus tennellus*, *Ranunculus sulphureus*, 262.
- Montiaceae: Noteworthy collections: *Calyptidium pygmaeum* from CA, 56; *Claytonia saxosa* from OR, 264; *Lewisia triphylla* from CA, 56.

- Mycoheterotroph (see *Pterospora*)
- Nevada (see *Eriogonum*)
- Notholithocarpus densiflorus* (see entire issue Vol. 60(2))
 Conservation, replanting and genetics, 130.
 History, ecology and values, 63.
 Insect pollination and biodiversity, 87.
 Mutant tanoak morphology, physiology, genetics, etc., 107.
 Past, present and future as a forest products resource, 118.
Phytophthora ramorum and ectomycorrhizal fungi, 95.
 Tanoak forest ecosystem foods, 126.
 Tending a native American nut tree, 64.
- Oregon (see *Claytonia*)
- Phenology, CA Project, tracking plant responses to climate change, 1.
- Phacelia cookei*, habitat, seed dormancy and allozyme variation, 11.
- Phrymaceae (see *Mimulus*)
- Phytophthora ramorum* (see *Notholithocarpus densiflorus*)
- Plumbaginaceae (see *Limonium*)
- Polemoniaceae (see *Polemonium*)
- Polemonium eddyense***, new sp., and ***P. pulcherrimum*** var. ***shastense***, new var., from CA, 243.
- Polygonaceae (see *Eriogonum*)
- Psilocarphus tennellus*, noteworthy collection from MT, 262.
- Pterospora andromedea* and *Sarcodes sanguinea*, gibberellic acid induces germination of obligate mycoheterotrophs, 186.
- President's Report for Vol. 60, 360
- Ranunculaceae (see *Ranunculus*)
- Ranunculus sulphureus*, noteworthy collection from MT, 262.
- Rare plants, climate change vulnerability assessment in CA, 193.
- Reviews: *Field Guide to Mushrooms of Western North America* by R. Michael Davis, Robert Sommer and John A. Menge, 55; *Wildflowers of the Mountain West* by Richard M. Anderson, JayDee Gunnell, and Jerry L. Goodspeed, 257; *Woody Plants of Utah: A Field Guide with Identification Keys to Native and Naturalized Trees, Shrubs, Cacti, and Vines* by Renée Van Buren, et al., 255.
- Rhamnaceae (see *Ceanothus*)
- Rosaceae (see *Adenostoma*)
- Sarcodes sanguinea* (see *Pterospora*)
- Sawyer, Dr. John O., Jr., In Memoriam, 61.
- Seed dormancy: Chaparral, 165; *Phacelia*, 11.
- Senegalia* hybrids in central and northern Mexico, 179.
 New taxon: ***Senegalia X zamudii***, new nothomorph, 182.
- Solanaceae (see *Datura*)
- Sphaeropteris cooperi*, noteworthy collection from CA, 258.
- Trifolium suffocatum*, noteworthy collection from CA, 260.
- Ulva clathratioides* and *U. pertusa*, noteworthy collections from CA, 58.
- Ulvaceae (see *Ulva*)
- Wyoming (see *Luzula*)